

Title (en)

METHOD AND APPARATUS FOR MAPPING JAVA STREAMS TO JPA COMMANDS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ABBILDUNG VON JAVA STRÖMEN AUF JAA-BEFEHLE

Title (fr)

PROCÉDÉ ET APPAREIL DE MAPPAGE DE FLUX JAVA À DES COMMANDES JPA

Publication

**EP 4200698 A1 20230628 (EN)**

Application

**EP 21763102 A 20210820**

Priority

- US 202063067924 P 20200820
- EP 2021073191 W 20210820

Abstract (en)

[origin: WO2022038284A1] The invention relates to a computer implemented method for efficient access to a database via a functional model-based procedure by translating a sequence of operations that are stored in a memory and that is described in the procedure that is specified using a generalized programming language into an intermediate database abstraction layer access language, whereby the intermediate data abstraction layer not being SQL. The method comprises: generating by a processor: an initial builder corresponding to an original originating source, zero or more intermediate operations and a terminating operation; storing in the memory, the sequence of operations, and translating the builder or parts of the builder is translated to at least one operation using the intermediate database abstraction layer access language upon specifying the terminating operation.

IPC 8 full level

**G06F 8/51** (2018.01); **G06F 16/242** (2019.01); **G06F 16/2452** (2019.01); **G06F 16/2453** (2019.01)

CPC (source: EP US)

**G06F 8/51** (2013.01 - EP US); **G06F 16/2433** (2019.01 - EP); **G06F 16/2448** (2019.01 - US); **G06F 16/24534** (2019.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2022038284 A1 20220224**; EP 4200698 A1 20230628; US 2024020302 A1 20240118

DOCDB simple family (application)

**EP 2021073191 W 20210820**; EP 21763102 A 20210820; US 202118042235 A 20210820